

Region 3 GPRA Baseline RCRA Corrective Action Facility

SAFETY-KLEEN SYSTEMS, INC. CHESTER SERVICE CENTER

**1200 W. HUNDRED ROAD
CHESTER, VA 23831
Congressional District 4
EPA ID #: VAD 981043011
Last Updated 1/2/04**

Current RCRA CA Activities

On October 2, 1998, Safety-Kleen completed the connection of a private residence to the Chesterfield County public water supply, and disabled the residential well. Drinking water samples collected from this residential well were found to contain the volatile organic compounds as were found in Safety-Kleen's two groundwater monitoring wells. In mid-July 1998, Safety-Kleen installed two new groundwater monitoring wells in an attempt to confirm the direction of the groundwater flow. Three rounds of groundwater monitoring well samples were taken and analyzed (7/98, 1/99, 7/99). After reviewing the analytical results of groundwater samples collected during nine (9) sampling events, a downward trend in the concentration of the two (2) contaminants of concern, tetrachloroethene and 1,1 dichloroethene, is evident. By 8/22/02 when the wells at the site were last sampled, two wells and a piezometer remain functioning at the site. The downward trend in tetrachloroethene and 1,1dichloroethene has been maintained at the site through the 8/22/02 event. The facility has agreed to conduct additional groundwater sampling at mutually agreed location to fill the data gap for former USTs site. The facility is required to submit bimonthly progress reports under the Corrective Action portion of operating permit issued by DEQ on September 9, 2002.

Site Description

Located in Chester, Virginia, the approximate 9.34 acre Safety-Kleen, Chester Service Center was purchased from a petroleum supplier in the early 1980s. Since that time, the Service Center has been providing solvent distribution, collection and reclamation services to companies primarily engaged in automobile repair, industrial maintenance, photo processing and dry cleaning. The Service Center, which is located approximately 1.5 miles south of James River, is located in a suburban setting, bordered by community and general business (zoned), along with residential areas.

RCRA CA Milestones

Safety-Kleen, Chester obtained a HSWA Corrective action permit from EPA. Following are Milestones achieved so far:

MILESTONE	DATE
RFA	January, 1990
RFI WORKPLAN APPROVED	04/13/92
RFI APPROVED	04/29/93
CMS WORKPLAN APPROVED	08/03/92

Environmental Indicator Status

Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2005. EPA is evaluating two key indicators for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's high priority facilities and falls under this initiative. As of 6/20/03, the current evaluation of Environmental Indicators for this facility is as follows:

- *Human Exposures Controlled Determination:* YES. Please refer to form CA725 from September 2003 for more details.
- *Release to Groundwater Controlled Determination:* YES. Please refer to form CA750 from September 2003 for more details.

Contaminants

Soils and Subsoils
Groundwater

Mineral Spirit
1,1 dichloroethene; tetrachloroethene

Community Involvement

Mr. Denis D. Capor, an inspector with the Chesterfield County Health Department, provided the following services for EPA:

1. confirmed the existence of four residential drinking water wells in close proximity to the Chester Service Center.
2. Obtained permission to collect drinking water samples from the owners of these four residential wells.
3. Acted as an escort for the EPA sampling team when the drinking water samples were collected and
4. Agreed to explain the analytical results for the drinking water samples to the owners of the four residential wells.

This activity was a success in huge part to Mr. Capor's efforts.

Document Repository:

Chesterfield County Health Department
P.O.Box 100
Chesterfield, VA 23832
Contact: Dr. William Nelson
Phone: (804) 748-1691

Government Contacts

The Commonwealth of Virginia has the lead authority for this project. Please contact the state project manager listed below for details on this project or the contents of this fact sheet.

DEQ Contact:
Mr. Dinesh Vithani
Virginia Department of Environmental Quality
629 East main Street
Richmond, VA 23219
Phone: (804) 698-4204
Email: dkvithani@deq.state.va.us

EPA Contact:
Mr. Mike Jacobi – 3WC23
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029
Phone: (215) 814-3435
Email: jacobi.mike@epa.gov

For more information on EPA's Corrective Action program, including Environmental Indicators,

please visit our web site at: www.epa.gov/reg3wcmd/correctiveaction.htm.

Facility Contact

Ms. Terri L. Cowans
Manager Environmental Affairs
Safety Kleen Corporation
Route 24 East @ O'Neal Dr.
P.O.Box 48
Vinton, VA 24179
Phone: (540) 815-1770

Factsheet Updates

The previous factsheet was updated in July 2003. The next update is scheduled for July 2004. Previous factsheets may be obtained through the listed contacts.